

## APPENDIX A

# Thematic Organization of GIS Database

	Layer Name	Source	Description	Scale	Date
TRANSPORTATION	AIRPORT	USGS / LCTIP	Airports from USGS Modal Transport layer	1:24000	January 1999
	BIKE95	NIPC	NIPC Bike paths	1:24000	August 1995
	CBF	CBF	CBF recommended and cautionary bicycle routes	Unknown	1998*
	IDOTROADS	IDOT	IDOT Road Inventory (IRIS) Database	1:100000	Unknown
	IDOT Signals	Lake County	Signalized intersections by IDOT	Unknown	August 2000
	LCDOT Signals	Lake County	Signalized intersections by Lake County DOT	Unknown	August 2000
	METRARAIL	RTA	Metra commuter rail lines	Unknown	1998*
	PACEB	Pace Bus	Updated Pace Bus Routes 1999	Unknown	1999
	PACEBUS-CL	Pace Bus	Pace Bus Routes	Unknown	1997
	RD	USGS	USGS Roads	1:24000 and varies	1998*
	RR	USGS	USGS Railroads	1:24000 and varies	1998*
	STATIONS	RTA	Metra commuter rail stations	Unknown	1998*

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	Layer Name	Source	Description	Scale	Date
ENVIRONMENTAL	ADID	Lake County	ADID Wetlands in Lake County	Unknown	1992
	AADID	LCTIP	Master ADID wetlands within 500 ft of proposed improved routes adjusted to aerial photography base	Unknown	2000
	AQMB300	IGIS CD-ROM	Major bedrock aquifers within 300 ft of ground surface	1:500000	1986
	AQMB500	IGIS CD-ROM	Major bedrock aquifers within 500 ft of ground surface	1:500000	1985
	AQMBG500	IGIS CD-ROM	Major bedrock aquifers at depths greater than 500 ft below ground surface	1:500000	1985
	AQMSG	IGIS CD-ROM	Major sand and gravel aquifers	1:500000	1985
	AWETFINAL	LCTIP	Field verified wetlands proximate to the two finalist alternatives	Unknown	2000
	BASINS	Lake County SMC / LCTIP	Watersheds and sub-basins	Unknown	1998
	BSC-LINE; BSC-POLY	IDNR	IDNR Biological Streams Characterization	Unknown	1993
	CTYHYD	Lake County	Lake County Hydric Soils	Unknown	Unknown
	ENV_CONSTR	LCTIP	Areas identified by the LCTIP as potentially high-impact	Unknown	1999
	ENV_PHOTO	LCTIP	Points identifying location of photographs	Unknown	1999
	FEMA	FEMA CD-ROM	FEMA Q3 Flood data	1:24000	1996
	GAUGESTN	IEPA / LCTIP	Water quality gauging stations	Unknown	Unknown
	LAKES	USGS	Lakes from USGS Hydrological features layer	1:24000	1998*
	LANDCOV	IDNR	IDNR Land Cover	Unknown	1996
	LCWI	Lake County	Lake County Wetlands Inventory (LCWI)	Unknown	1992
	ALCWI	LCTIP	LCWI wetlands within 500 ft of proposed improved routes adjusted to aerial photography base	Unknown	2000
	MCHWET	NIPC	ADID Sites in McHenry County	Unknown	1998
	NWIWETLAND	US FWS	National Wetlands Inventory (NWI)	Unknown	Unknown
	STREAMS	USGS	Streams from USGS Hydrological features layer	1:24000	1998*
	STREAMS-POLY	USGS	Streams from USGS Hydrological features layer	1:24000	1998*
	TANDE	IDNR	IDNR Threatened and Endangered (T&E) Species	Unknown	1998*
	TOXIC	EDR	EDR Hazardous Waste sites	Unknown	1998*
	WELLS	IGIS CD-ROM	IDNR Wells	Unknown	1995
	WELLSPLS	IDNR	IDNR Wells plus additional attribute data for public wells	Unknown	1995/1999

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DESIGNATED LANDS	Layer Name	Source	Description	Scale	Date
	FIN_LOCPRK	LCTIP	Local Parks proximate to the two finalist alternatives	Unknown	2000
	FORPRES	Lake County Cook County McHenry County/ LCTIP	Lake and Cook County Forest Preserves and McHenry County Conservation Districts (digitized by the LCTIP)	Unknown	1998*
	NATAREA98	IDNR	Illinois Natural Areas Inventory Sites	1:24000	1998
	NATPRES	IDNR	Nature Preserves	1:24000	1998
	PARKS3	NIPC	NIPC Greenways Plan Parks	Unknown	1990
	STPARK	IGIS CD-ROM	State Parks	1:24000	1992
	TRAILS3	NIPC	NIPC Greenways Plan Parks	Unknown	1990

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SOCIOECONOMIC	Layer Name	Source	Description	Scale	Date
	ARCHMOD	Illinois State Museum	Archaeological predictive model	1:500000	1994
	ARCHSITES	IHPA	Archaeological sites	Unknown	2000
	ASTRUCTURES	LCTIP	Structure outlines for buildings proximate to the two finalist alternatives	Unknown	2000
	CEMETERY	USGS / LCTIP	Cemeteries from USGS manmade features layer, IDNR and other sources	Unknown	1998*
	ACEMETERY	LCTIP	Cemeteries within 500 ft of proposed improved routes adjusted to aerial photography base	Unknown	1999
	CHURCH-POLY	USGS / LCTIP	Churches – polygons from USGS manmade features layer	1:24000	1998*
	CHURCH-PT	USGS / LCTIP	Churches – points from USGS manmade features layer	1:24000	1998*
	EMPLOYER	Lake County / LCTIP	Lake County Employer database – 70% match geocode	Unknown	1998*
	GOLF	USGS / LCTIP	Golf courses from USGS manmade features layer and other sources	1:24000	1999
	HISTDIST, HISTSITE	NPS / LCTIP	National Register of Historic Places - sites and districts	Unknown	Unknown
	HOSPITAL	USGS / LCTIP	Hospitals – polygons	1:24000	1998*
	LANDUSE	NIPC / LCTIP	1990 NIPC Landuse (updated to 1997 from Aerial photography)	1:24000	1997
	QPLSS-CL	NIPC	NIPC quarter-section boundaries	Unknown	1995
	QPLSS-AGG	LCTIP	Aggregated NIPC quarter-sections (to rough 9-sq mile areas) for exhibits	Unknown	Unknown
	PNAORDNB20.DAT	AI Chalabi Group	Project No Action No-Build Scenario 2020 Population and Employment figures by quarter-section	Unknown	Unknown
	ORD20.DAT	NIPC	INFO FILE – Fall 1997 release of the O'Hare No-Build Scenario forecast 2020 Population and Employment figures by quarter-section	Unknown	Unknown
	ORD96.DAT	NIPC	INFO FILE – Fall 1997 release of the O'Hare No-Build Scenario 1996 Population and Employment figures by quarter-section	Unknown	Unknown
	ORD90.DAT	NIPC	INFO FILE – Fall 1997 release of the O'Hare No-Build Scenario 1990 Population and Employment figures by quarter-section	Unknown	Unknown
	QSOPEMP.DAT	NIPC	CATS Conformity Analysis 2020 population forecasts	Unknown	Unknown
	SCHOOL-POLY	USGS / LCTIP	Schools – polygons from USGS manmade features layer	1:24000	1998*
	SCHOOL-PT	USGS / LCTIP	Schools – points from USGS manmade features layer	1:24000	1998*

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	Layer Name	Source	Description	Scale	Date
BASE MAPPING	BD	USGS	USGS Boundary features	1:24000	1998*
	COUNTY	IGIS CD-ROM	County Boundaries	Unknown	Unknown
	HP	USGS	USGS Elevation Contours	1:24000	1998*
	MS	USGS	USGS Manmade features	1:24000	1998*
	MS-PT	USGS	USGS Manmade features – points	1:24000	1998*
	MUNIC	Lake County / IGIS CD-ROM	Municipal Boundaries	Unknown	1996
	ORTHO	CH2M HILL; Walker and Associates	Orthodigitally rectified aerial photography covering the study area	1:400	1997
	PLSS	IGIS CD-ROM	Public Land Survey System section boundaries	1:24000	1998*
	PLSS_TSHIPS	IGIS CD-ROM / LCTIP	Public Land Survey System township boundaries	1:24000	1998*
	QUADS	IGIS CD-ROM	USGS 7.5' quad boundaries	Unknown	1992
	SAB	LCTIP	Study Area Boundary	Unknown	1998*
	SC	USGS	USGS Surface Cover	1:24000	1998*
	TWNSHIPS	Lake County / LCTIP	Political Townships	Unknown	1999
	UTIL	USGS / LCTIP	Power Lines	Unknown	Unknown

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- 1) IDOT = Illinois Department of Transportation
- 2) IGIS CD-ROM = Illinois Geographic Information System CD-ROM (IL Department of Natural Resources)
- 3) USGS = U.S. Geological Survey
- 4) LCTIP = Lake County Transportation Improvement Project
- 5) IHPA = Illinois Historic Preservation Agency
- 6) NIPC = Northeastern Illinois Planning Commission
- 7) EDR = Environmental Data Resources, Inc.
- 8) CBF = Chicagoland Bicycle Federation
- 9) RTA = Regional Transportation Authority
- 10) ESRI = Environmental Systems Research Institute, Inc.
- 11) Lake County SMC = Lake County Stormwater Management Commission